PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

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PCT

NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing *(day/month/year)*	15 NOV 2001

Applicant's or agent's file reference	IMPORTANT NOTIFICATION
42390.P4742PCT	

International application No.	International filing date *(day/month/year)*	Priority Date *(day/month/year)*
PCT/US00/10800	20 APRIL 2000	29 APRIL 1999

Applicant

INTEL CORPORATION

NO DOCKETING ARH REQUIRED

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international

2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.

3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. **REMINDER**

   The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

   Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

   For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

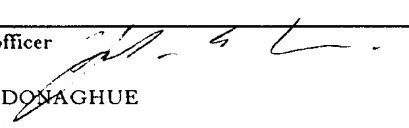| Name and mailing address of the IPEA/US	Authorized officer
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 42390.P4742PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/10800	International filing date *(day/month/year)* 20 APRIL 2000	Priority date *(day/month/year)* 29 APRIL 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): G06f 9/46 and US Cl.: 709/106;712/228		
Applicant INTEL CORPORATION		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of _____ sheets.

   ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

   These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

   I [X] Basis of the report

   II ☐ Priority

   III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability

   IV ☐ Lack of unity of invention

   V [X] Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

   VI ☐ Certain documents cited

   VII ☐ Certain defects in the international application

   VIII ☐ Certain observations on the international application

Date of submission of the demand 07 NOVEMBER 2000	Date of completion of this report 04 OCTOBER 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer LARRY DONAGHUE
Facsimile No. (703) 305-3230	Telephone No. (703) 305-9675

Form PCT/IPEA/409 (cover sheet) (July 1998)★

I. Basis of the report

1. With regard to the **elements** of the international application:*

[X] the international application as originally filed

[X] the description:

pages _____ 1-36 _____ , as originally filed

pages _____ NONE _____ , filed with the demand

pages _____ NONE _____ , filed with the letter of _____

[X] the claims:

pages _____ 37-41 _____ , as originally filed

pages _____ NONE _____ , as amended (together with any statement) under Article 19

pages _____ NONE _____ , filed with the demand

pages _____ NONE _____ , filed with the letter of _____

[X] the drawings:

pages _____ 1-17 _____ , as originally filed

pages _____ NONE _____ , filed with the demand

pages _____ NONE _____ , filed with the letter of _____

[X] the sequence listing part of the description:

pages _____ NONE _____ , as originally filed

pages _____ NONE _____ , filed with the demand

pages _____ NONE _____ , filed with the letter of _____

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
These elements were available or furnished to this Authority in the following language _____ which is:

[ ] the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

[ ] the language of publication of the international application (under Rule 48.3(b)).

[ ] the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/ or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

[ ] contained in the international application in printed form.

[ ] filed together with the international application in computer readable form.

[ ] furnished subsequently to this Authority in written form.

[ ] furnished subsequently to this Authority in computer readable form.

[ ] The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

[ ] The statement that the information recorded in computer readable form is identical to the writen sequence listing has been furnished.

4. [X] The amendments have resulted in the cancellation of:

[X] the description, pages _____ NONE _____

[X] the claims, Nos. _____ NONE _____

[X] the drawings, sheets/fig _____ NONE _____

5. [ ] This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* *Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).*

***Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.*

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1.   statement

Novelty (N)	Claims	2-19	YES
	Claims	1	NO
Inventive Step (IS)	Claims	2-19	YES
	Claims	1	NO
Industrial Applicability (IA)	Claims	1-19	YES
	Claims	NONE	NO

2.   citations and explanations (Rule 70.7)

Claim 1 lacks novelty under PCT Article 33(2) as being anticipated by Eickmeyer et al. (EP 747,816).

   Eickmeyer et al. taught executing a predetermined number of instruction of a first thread before switching to a second thread (abstract).

Claim 1 lacks novelty under PCT Article 33(2) as being anticipated by Davis et al. (US 5,337,617).

   Davis et al. taught executing a predetermined number of instruction of a first thread before switching to a second thread (Col. 4, lines 35-57).

Claims 2-19 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest the maintaining of the discrete count of the quantity of instruction information dispatch or the application of the flow marker in the system as describe or the interaction between the predetermined time intervals and the counting of the quantity of instructions.

------------------- NEW CITATIONS -------------------
EP 747,816 A2 (EICKEMEYER ET AL.) 11 DECEMBER 1996 , see ABSTRACT
US 5,347,617 A (DAVIS ET AL.) 18 OCTOBER 1994 , see col. 4, lines 35-57